

*Химический анализ сточных вод*  
LUR'YE, Yuliy Yul'yevich; RYBNIKOVA, Anastasiya Invanovna; LEONT'YEVA, K.D.,  
red.; SHPAK, Ye.G., tekhn.red.

[Chemical analysis of industrial sewage] Khimicheskii analiz proizvod-  
stvennykh stochnykh vod. Moskva, Gos. nauchno-tekhn.izd-vo khim.  
lit-ry, 1958. 187 p. (MIRA 11:3)  
(Sewage--Analysis) (Sanitary chemistry)

SMIRNOV, O.K.; LEVI, S.M.; RYBNIKOVA, A.I.

The action of moisteners against "comets" in the coating of photographic emulsions. Part 1: The action of some derived alkenyl succinic acids against "comets." Zhur.nauch. i prikl. fot. i kin. 3 no.1:34-38 Ja-F '58. (MIRA 11:2)

1.Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley im. K. Ye. Voroshilova i Vsesoyuznyy nauchno-issledovatel'skiy kino-fotoinstitut.

(Photographic emulsions)

SOV/77-3-6-4/15

AUTHORS: Smirnov, O.K., Levi, S.M., Rybnikova, A.I., Kochneva, S.N.

TITLE: The Antistreak Effect of Wetting Agents in the Casting of Photographic Emulsions (Antikometnoye deystviye smachivateley pri polive fotograficheskikh emul'siy)  
II. The Antistreak Effect of Certain Industrial Alkyl Phosphine Acids (Antikometnoye deystviye nekotorykh proizvodnykh alkilfosfinovykh kislot)

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, 1958, Vol 3, Nr 6, pp 416-418 (USSR)

ABSTRACT: The authors continue their investigation of the mechanism of the antistreak effect of surface-active substances during the casting of a photographic emulsion. A relation between the structure of certain commercial alkenyl succinic acids and their antistreak effect was established. The present article investigates dinatrium salts, mononatrium salts, monoglycerides and polyglycerides of alkyl phosphine acids. Results, with respect to the structure of the R radicals, antistreak effect, surface pressure of a 3% gelatin solution, and the critical speed of the wetting effect in cm/sec are discussed and tabulated (Table 1).

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SOV/77-3-6-4/15

The Antistreak Effect of Wetting Agents in the Casting of Photographic Emulsions.

II. The Antistreak Effect of Certain Industrial Alkyl Phosphine Acids.

**The anti-streak properties of**

wetting agents of derivatives of alkyl phosphine acids confirm the conclusions drawn with respect to experimental results with derivatives of alkenyl succinic acids. The antistreak properties of the wetting agents are determined by their structure. A systematic interrelation between antistreak properties, surface pressure and kinetic wetting could not be established.

There is 1 table and 9 references, 7 of which are Soviet, 1 American and 1 German.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (The All-Union Scientific Research Institute for Motion Pictures and Photography)

SUBMITTED: November 10, 1956

Card 2/2

SMIRNOV, O.K.; LEVI, S.M.; RYBNIKOVA, A.I.; KORNEVA, E.D.; POPOVA, O.V.

Hardening and plasticizing effect of water-soluble ethers of hexamethylol melamine and some mono-, di- and triatomic alcohols and polyglycerins. Part 1: Ethers of hexamethylol-melamine and of mono-, di-, and triatomic alcohols and polyglycerins. Zhur. nauch. i prikl. fot. i kin. 8 no.6:401-404 N-D '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI) i Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley (NIOPIK).

CHURAYEVA, A.M.; RYBNIKOVA, A.I.

Effect of polyethylene glycols on the sensitivity of photographic emulsions. Trudy NIKFI no.51:10-19 '62. (MIRA 16:12)

SIDOROV, A.A., otv. red.; ZHUKOV, A.I., red.; KALABINA, M.M., red.;  
LUR'YE, Yu.Yu., red.; MONGAYT, I.L., red.; ROGOVSKAYA, Ts.I.,  
red.; RYBNIKOVA, A.I., red.; SKVORTSOVA, I.P., red.izd-va;  
SMIRNOVA, A.P., red.izd-va; MOCHALINA, Z.S., tekhn. red.

[Purification of industrial sewage]Ochistka promyshlennykh  
stochnykh vod; trudy sovместnoi konferentsii Instituta Vodgeo  
ASIA SSSR i Instituta vodnogo khoziaistva Ministerstva zemle-  
deliia, lesnogo i vodnogo khoziaistva ChSSR. Moskva, Gosstroi-  
izdat, 1962. 448 p. (MIRA 16:2)

1. Konferentsiya po ochistke fenol'nykh stochnykh vod, Moscow,  
1960.

(Phenols) (Sewage--Purification)

SMIRNOV, O.K.; RYBNIKOVA, A.I.

Alkylation of maleic anhydride by a mixture of butylene trimers  
and tetramers. Neftekhimiia 2 no.3:342-347 My-Je '62.  
(MIRA 15:8)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov  
i krasiteley.

(Maleic anhydride) (Butene)

SMIRNOV, O.K.; LEVI, S.H.; RYBNIKOVA, A.I.; Primalni uchastiye: GRINEVA, N.I.;  
STEPANOVA, T.K.; KOCHNEVA, S.N.

Investigation of the wetting properties of some derivatives of  
alkenyl succinic acids. Org. poluprod. i kras. no.2:168-178 '61.  
(MIRA 14:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut organi-  
cheskikh poluproduktov i krasiteley (for Grineva). 2. Vsesoyuznyy  
nauchno-issledovatel'skiy kinofotoinstitut (for Stepanova, Kocheva).  
(Succinic acid) (Wetting agents)

KORNEVA, E.D.; RYBNIKOVA, A.I.

Synthesis of monomethyl ethers of ethylene glycol and  
diethylene glycol. Zhur.prikl.khim. 34 no.8:1875-1878  
Ag '61. (MIRA 14:8)

(Ethylene glycol)  
(Diethylene glycol)

CHURAYEVA, A.M.; RYBNIKOVA, A.I.

Effect of polyethylene glycols on the emulsion sensitivity. Zhur.  
nauch.i prikl. fot. i kin. 6 no.2:139-140 Mr-Apr '61. (MIRA 14:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut.  
(Photographic emulsions) (Glycols)

LUR'YE, Yuliy Yul'yevich; RYBNIKOVA, Anastasiya Ivanovna; VASKEVICH,  
D.N., red.; SHPAK, Ye.G., tekhn. red.

[Chemical analysis of industrial waste waters] Khimicheskii analiz  
produktivnykh stochnykh vod. Izd.2., perer. i dop. Moskva,  
Goskhimizdat, 1963. 251 p. (MIRA 16:3)  
(Sewage—Analysis)

ACCESSION NR: AP4043782

S/0190/64/006/008/1442/1449

AUTHOR: Pshezhetskiy, V. S., Kargin, V. A., Kapanchan, A. T., Ry\*bnikova, L. F.

TITLE: Solid phase polymerization of trioxane initiated by x-rays and Gamma rays

SOURCE: Vy\*sokomolekulyarny\*ye soyedineniya, v. 6, no. 8, 1964, 1442-1449

TOPIC TAGS: radiation polymerization, solid phase polymerization, X-ray, Gamma ray, trioxane, polyformaldehyde, polymerization inhibitor, radical polymerization

ABSTRACT: Polymerization of monocrystalline or polycrystalline trioxane to polyformaldehyde, during and after irradiation with x-rays (300 rad/sec.) or Gamma rays (500 rad/sec.) was studied in the presence of phenol, aniline, benzene, naphthalene,  $\beta$ -naphthylamine, phenanthrene, anthracene, decalin, butyraldehyde, paraldehyde and benzaldehyde in an attempt to clarify the role of the crystal lattice in both stages of the process. Additives which react with the polymer chains (aromatic compounds and aldehydes) were found to inhibit polymerization proportionally to the cube root of the inhibitor concentration, while additives not reacting with the chains showed no inhibitory effect at all. The polymerization began at temperatures above 313K, progressed at an increasing rate as the temperature

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ACCESSION NR: AP4043782

increased, and was stimulated by the presence of oxygen. Due to the high rate of chain termination in the presence of radiation, the polymers formed during irradiation had molecular weights only 10% as high as those of polymers formed after irradiation. The degree of monomer conversion, as well as the radical concentration, was maximal at 200-230K, indicating that the process is most likely initiated by a radical mechanism. Orig. art. has: 6 tables, 7 figures and 4 chemical equations.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova (Moscow State University).

SUBMITTED: 23Sep63

ENCL: 00

SUB CODE: OC

NO REF SOV: 005

OTHER: 002

Card 2/2

RYBNIKOVA, N.M.

Variations in intestinal absorption of glucose and water during  
different functional states of the cerebral cortex. Trudy Inst. fiziol.  
7:489-495 '58. (MIRA 12:3)

1. Laboratoriya kortiko-vistseral'noy patologii (zav. - I.T. Kurtsin).  
Instituta fiziologii im. I.P. Pavlova AN SSSR.  
(CEREBRAL CORTEX) (ABSORPTION (PHYSIOLOGY))  
(INTESTINES)

RYBNIKOVA, I. I.

35575 O patogeneze kostnoy tkani v atroficheskikh glazakh. Sbornik k pyatidesyatiletiju nauch., ped., vracheb. i obshchestv. Deyatel'nosti k. kh. orlova. Gor'kiy, 1949, S. 171-91

SO: Ictopis' Zhurnal' nykh Statey, Vol. 45, 1949

TOVBIN, B.G., professor; RYBNIKOVA, O.I., assistant

Dark adaptation in hypertension. Oft.zhur. 12 no.5:296-299  
'57. (MIRA 13:6)

1. Iz glaznoy kliniki Gor'kovskogo meditsinskogo instituta  
imeni S.M. Kirova.  
(~~EYE~~-ACCOMMODATION) (HYPERTENSION)

PROTOPOPOV, B. V., prof.; RYBNIKOVA, O. I., kand. med. nauk

Novacaine block in therapy of eye diseases. Vest.oft. 34 no.1:26-31  
Ja-F '55 (MLRA 8:4)

1. Iz glaznoy kliniki Gor'kovskogo med. inst. imeni S. M. Kirova.  
(EYE, diseases,  
ther. stellate block with procaine)  
(PROCAINE, ther. use,  
eye dis., stellate block)

Country : USSR  
Category : Human and Animal Physiology. T  
Sense Organs. Eyesight.  
Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106868  
Author : Tovbin, B. G.; Rybnikova, O. I.  
Institut. : -  
Title : Dark Adaptation in Hypertonia.  
Orig Pub. : Oftal'mol. zh., 1957, No 5, 296-299  
Abstract : In 40 patients 42-60 years old suffering from 1st and 2nd degree hypertonia, dark adaptation (DA) was investigated with the adaptometer of Dashevskiy. In hypertonia patients, DA curves deviated from the normal curves by taking in 46.3 percent of the cases (30 percent in controls) a staircase-like form and in 73 percent of the cases (55 percent in controls)-fluctuating forms. The curve's ascent was weak and slow and the threshold of light sensitivity was

RYBNIKOV, V.I.

Planning and analyzing the cost of operating road machinery. Avt. dor.  
27 no.2:25-26 F '64. (MIRA 17:3)

ANTIPOVA, P.S.; RYBNIKOVA, A.I.; MILOVANOV, L.V.

Purification of industrial waste waters from nickel salts. TSvet.  
met. 34 no.1:66-71 Ja '61. (MIRA 17:3)

PSHEZHETSKIY, V.S.; KARGIN, V.A.; KAPANCHAN, A.T.; RYBNIKOVA, L.F.

Polymerization of solid-phase trioxane initiated by X- and  $\gamma$ -irradiation.  
Vysokom.soed. 6 no.8:1442-1449 Ag '64. (MIRA 17:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.

USHAKOV, I.N., kand.tekhn.nauk; STENIN, N.I., inzh.; RYBNIKOVA, V.N., inzh.

Geometric determination of the structure of the Khaydarken mercury  
deposit. [Trudy] VNIMI no.45:57-62 '62. (MIRA 16:4)  
(Khaydarken region--Mine surveying)

LIFSHITS, E.B.; RYBNIKOVA, T.D.; LAZAREVA, T.M.

Component stability of merocyanines and their adsorption on silver halides. Zhur.nauch. i prikl.fot. i kin. 8 no.5:381-384 S-0 '63. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI).

RYBNIKOVA, Ye. I., Cand Med Sci — (diss) "Homoplastics in extensive granulating and protracted non-healing wounds."

Stalingrad, 1959. 16 pp (Stalingrad State Med Inst). 200 copies

(HL, 39-59, 107)

23

REIZOV, N.; TITS, Yu.; TOLOK, V.V.; MAMAYEV, L.M.; MALEYEV, L.I., dotsent;  
RYBOCHKIN, G.

Eliminate unnecessary load testing of bridge cranes. Metallurg 10  
no.8:33-35 Ag '65. (MIRA 18:8)

1. Glavnyy mekhanik Magnitogorskogo metallurgicheskogo kombinata (for Reizov).
2. Glavnyy mekhanik Zhdanovskogo metallurgicheskogo zavoda im. Il'icha (for Tits).
3. Inspektora po kranovomu khozyaystvu metallurgicheskogo zavoda im. Dzerzhinskogo (for Tolok, Mamayev).
4. Glavnyy mekhanik Kuznetskogo metallurgicheskogo kombinata (for Rybochkin).

RYBOCHKIN, G.F.

Repairing of large bells in blast furnaces. Metallurg 7  
no.2:14-15 F '62. (MIRA 15:3)

1. Zamestitel' glavnogo mekhanika Kuznetskogo metallurgicheskogo  
kombinata.

(Blast furnaces—Maintenance and repair)

24(7), 24(3)

SOV/48-23-9-6/57

AUTHORS: Rudnevskiy, N. K., Golitsyn, G. I., Rybochkin, V. P.

TITLE: The Investigation of the Entry of Siliceous Brass Into an Alternating-current Arc

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959, Vol 23, Nr 9, pp 1065-1067 (USSR)

ABSTRACT: It is said in the introduction that the strong influence of silicon upon the relative intensity of the spectral lines of zinc and copper in the analysis of siliceous brass is known, and that for the calculation and suppression of this influence various methods have been suggested (Refs 1-6). However, the nature of this influence exercised by silicon upon spectral line intensity has hitherto not been investigated with sufficient thoroughness. In the present paper the entry of zinc and lead into the gas cloud of an arc is investigated. The method of investigation is described in references 8 and 9. A total of 11 siliceous brass alloys is given, on which investigations were carried out. The pointed electrodes had a length of 12 cm and a diameter of 9 mm. The measuring results shown by figure 1 indicate a complicated dependence of the entry of zinc on the concentration of zinc and silicon in the alloys. It further turned out that the concentration of zinc

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SOV/48-23-9.6/57

The Investigation of the Entry of Siliceous Brass Into an Alternating-current Arc

in the gas cloud is higher than in the alloy. The addition of silicon to Cu-Zn-alloys leads to an enrichment of the gas cloud with zinc. In alloys containing 15-20% Zn an irregularity of the entry of substances was discovered, in which connection also the reabsorption on the zinc- and lead lines probably plays a certain part. The logarithm of the degree of reabsorption was found to depend linearly on that of the ratio of the concentration of the zinc- and lead atoms in the gas cloud. It is concluded herefrom that the method developed is useful. There are 3 figures and 9 Soviet references.

ASSOCIATION: Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gos. universitete im. N. I. Lobachevskogo  
(Scientific Research Institute for Chemistry at the Gor'kiy State University imeni N. I. Lobachevskiy)

Card 2/2

RYBOKOVA, L. M. --

"An X-Ray Investigation of the Structural Changes of Polycrystalline Metals During Creep." Cand Tech Sci, Inst of Metallurgy imeni A. A. Baykov, 28 Oct 54. (VM, 18 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

RYBNIKOVA, N. V.

RYBNIKOVA, N. V. -- "Changes in the Absorption of Glucose and Water in the Intestine in Various Functional Stages of the Cerebral Cortex." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Laboratory of Corticovisceral Pathology. Leningrad, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

SC: Knizhnaya Letopis', No 1, 1956

RYBNIKOVA, Ye.I. (Stalingrad, prospekt 40 let Oktyabrya, d.8, kv.12)

On skin homoplasty. Vest.khir. 83 no.11:65-71 N '59.

(MIRA 13:4)

1. Iz kafedry topograficheskoy anatomii i operativnoy khirurgii  
(zav. - prof. M.K. Rodionov) Stalingradskego meditsinskogo insti-  
tuta i khirurgicheskogo otdeleniya bol'nitsy No.6 goroda Stalingrada.  
(SKIN TRANSPLANTATION)

KLYATIS, L.M., inzh.; RYBOKOBYLENKO, V.M.

Testing flax harvesting machines. Trakt. i sel'khoz mash. 33 no.2:30  
F '63. (MIRA 16:3)

(Flax—Harvesting)

GORELIK, A.M.; RYBOLOVLEV, R.S.; TANK, L.I.; MOREVA, Ye.V.; LAZOVSKAYA, A.V.

Pharmacology and Toxicology Section of the Leningrad I.M. Sechenov Society  
of Physiologists, Biochemists, and Pharmacologists. Farm.i toks. 16 no.1:  
60-62 Ja-F '53. (MLRA 6:6)

1. VMMA (for Gorelik). 2. Pervyy Leningradskiy meditsinskiy institut (for  
Gorelik, Rybolovlev). 3. IEM (for Tank, Moreva and Lazovskaya).  
(Pharmacology--Societies) (Physiology--Societies) (Biochemistry--  
Societies)

RYBOLOVLEV, R. S.

*Med* ✓ Reflex stimulation of respiration by the dicholine ester of suberic acid. I. V. Dardymov and R. S. Rybolovlev (I. P. Pavlov Med. Inst., Leningrad). *Byull. Ekspil. Biol. i Med.* 40, No. 11, 31-3 (1955).—Intravenous injection of the dicholine ester of suberic acid (1) into cats causes a pressor effect at 0.0005-0.001 mg./kg. and respiratory stimulation at 0.001-0.002 mg./kg. At 0.01 mg./kg. both effects are strong and last 2-4 min. Repeated tests give the same result. In intramuscular or subcutaneous administration of 0.1-0.5 mg./kg., the drug acts as a strong and prolonged respiration stimulant. L.D.<sub>50</sub> for cats in this case is 1 mg./kg. In intravenous administration L.D.<sub>50</sub> is 1 mg./kg. If respiration is repressed by Et<sub>2</sub>O, morphine, or hexenal narcosis, 1 still causes a considerable increase of residual respiratory activity. G. M. Kisslapoff

2

MIKHEL'SON, M.Ya., doktor med.nauk, prof.; ZAUGOL'NIKOV, S.D., doktor med.  
nauk; RYBOLOVLEV, R.S., kand.med.nauk

"Gangliolytics; their pharmacology and clinical use" by P.P.  
Denisenko. Reviewed by M.IA. Mikhel'son, S.D.Zaugol'nikov, R.S.  
Rybolovlev. Farm.i toks. 23 no.3:274-275 My-Je '60.

(MIRA 14:3)

(SYMPATHOLYTICS)

(DENISENKO, P.P.)

R 9 13220250 003

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; BELEN'KIY, M.L., prof.; VAL'DMAN, A.V., doktor med. nauk; VEDENEYEVA, Z.I., kand. med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L., kand. med. nauk; GINETSI'NSKIY, A.G., prof.; GORBOVITSKIY, S.Ye., prof.; GREBENKINA, M.A., dotsent; GREKH, I.F., dots.; DENISENKO, P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESTYANIKOV, V.D., kand. med. nauk; ZAUGOL'NIKOV, S.D., prof.; ZEYMAL', E.V., kand. med. nauk; ISKAREV, N.A., kand. med. nauk; KARASIK, V.M., prof.; KIVMAN, G.Ya., kand. med. nauk; KOZLOV, O.D., kand. med. nauk; KROTOV, A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; LAZAREV, N.V., prof.; LAPIN, I.P., kand. med. nauk; MEL'NIKOVA, V.F., prof.; MESHCHERSKAYA, K.A., prof.; MIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY, Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; PARIBOK, V.P., prof.; PERSHIN, G.H., prof.; PLANEL'YES, Kh.Kh., prof.; PONOMAREV, G.A., prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.; ROZOVSKAYA, Ye.S., dots.; RYBOLOVLEV, R.S., starshiy nauchnyy sotr.; SALIYAMON, L.S., kand. med. nauk; SAFRAZBEKYAN, R.R., kand. biol. nauk; TIUNOV, L.A., kand. med. nauk; TOMILINA, T.N., dots.; FELISTOVICH, G.I., kand. med. nauk; FRUYENTOV, N.K., kand. med. nauk; KHAUNINA, R.A., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I., prof.;

(Continued on next card)

ABRAMOVA, Zh.I.---(continued) Card 2.

CHERNOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.;  
YAKOVLEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.;  
NIKOLAYEVA, M.M., red.; RULEVA, M.S., tekhn. red.; CHUHAYEVA,  
Z.V., tekhn. red.

[Manual on pharmacology] Rukovodstvo po farmakologii. Leningrad,  
Medgiz. Vol.2. 1961. 503 p. (MIRA 15:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for  
Anichkov, Karasik, Cherkes). 2. Chlen-korrespondent Akademii medi-  
tsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy,  
Planel'yes).

(PHARMACOLOGY)

RYBOLOVLEV, R.S.

Effect of adrenaline on contractures of the Rectus abdominals  
in the frog produced with potassium chloride and proserine.  
Biol. eksp. biol. i med. 52 no.11:62-65 N '61. (MIRA 15:3)

1. Iz Voenno-meditsinskoy ordena Lenina akademii S.M.  
Kirova, Leningrad, Predstavlena deystvitel'nym chlenom  
AMN SSSR V.M. Karasikom.

(MUSCLES)

(ADRENALINE)

(NEOSTIGMINE)

(POTASSIUM CHLORIDE--PHYSIOLOGICAL EFFECT)

RYBOLOVLEV, R.S., FRUYENTOV, N.K.

On the influence of organophosphorus substances on the neuromuscular connection.

Khimiya i Primeneniye Fosfororganicheskikh Soyedineniy (Chemistry and application of organophosphorus compounds) A. YE. AFRIZOV, Ed.  
Publ. by Kazan Affil. Acad. Sci. USSR, Moscow 1962, 632 pp.

Collection of complete papers presented at the 1959 Kazan Conference on Chemistry of Organophosphorus Compounds.

ENCLOSURE, U. S.

Dissertation: "The Pharmacological Characteristics of Dicholine Esters of Dicarboxylic Acids and the Curarolike Effect of 'Ditilin'." Cand Med Sci, First Leningrad State Medical Inst, Leningrad, 1953. Referativnyy Zhurnal--Khimiya, Moscow, No 8, Apr 54.

SO: BUM 284, 26 Nov 1954

RYBOLOVLEV, R. S.

"The Curare-Like Action of Succinylcholine," Farm. i Toks., 16, No.1, p. 61, 1953  
1st Leningrad Med. Inst.

Translation summary W-27334, 12 Aug 53

TSIMMERMAN, Ya.S.; RYBOLOVLEV, Ye.V.; CHEKUNOV, V.A.; KOVALEV, A.S.

Study of gastric juice acidity without catheters by a modified  
desmoid test. Lab.delo 8 no.5:21-24 My '62. (MIRA 15:12)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof.  
A.I.Levin) i fakul'tetskoy terapii (zav. - prof. N.G.  
Khoroshavin) Permskogo meditsinskogo instituta.  
(GASTRIC JUICE) (MEDICAL TESTS)

Rybova

CZECH

Adenosinephosphoric acid derivatives as detoxicants of some bacterial toxins. Helena Rašková, Blažena Rybová, and Jiří Jelinek (Farmakol. ústav, Prague). *Časopis lékařů českých* 94, 201-3(1955). — It had been shown previously (Rašková, et al., *Československá fysiol.* 2, 191(1953)) that adenosinetriphosphate (I) antagonized the toxin of *Shigella shigae* depending on the time interval elapsed between the administration of both substances. These observations were supplemented by studying the antidote activity of I and adenosinemonophosphate (II) against other toxins as well. Adenosine and adenine were without influence. Toxicity of KCN was not modified by either I or II. The effect of II was practically identical with that of I, both being injected intravenously in the dose of 10 mg. per kg. body wt. The toxins, which had been stored in freeze-dry form, were administered in doses close to their respective L.D.<sub>50</sub> values. I or II was without significant effect when administered simultaneously with the toxins. The max. of the detoxifying activity was directly related to the time required by the various toxins to kill the animals, being 30 hrs. for the toxin of *Shigella shigae*, 30 hrs. for dysentery endotoxin, 12 hrs. for typhoid endotoxin, 36 hrs. for diphtheria toxin, 30 hrs. for hemolysin O. Decrease of toxicity caused by the injection of I at these times was highly significant in all cases mentioned except for the dysentery toxin which was just at the limits of significance. — I. M. Hais

ELIS, J.; RYBOVA, M.

Contribution to the problem of the effect of tetanotoxin on interoception.  
Cas. lek. cesk. 102 no.7:173-175 15 F '63.

1. Ustredni farmakologicka laborator Ustavu organicke chemie a biochemie  
GSAV v Praze, prednosta prof. dr.H.Raskova, DrSc.  
(CAROTID SINUS) (ACETYLCHOLINE) (TOXINS AND ANTITOXINS)  
(TETANUS)

VANECEK, J.; HLAVATY, V.; technicka spoluprace RYBOVA, B.; FIALOVA, O.

Protective influence of phenol and procaine on radiation sickness.  
Gas. lek. cesk. 102 no.11:295-296 15 Mr '63.

1. Farmakologicka katedra fakulty detskeho lekarstvi KU v Praze --  
Farmakologicka laborator CSAV, prednosta prof. dr. H. Raskova, DrSc. --  
Ustav lekarske fyziky fakulty vseobecneho lekarstvi KU v Praze,  
prednosta doc. dr. Zd. Dienstbier.

(RADIATION INJURY, EXPER.) (PHENOLS) (PROCAINE)  
(RADIATION-PROTECTIVE AGENTS)

RYBOVA, B.

Med

Some properties of the toxin of *Shigella dysenteriae*. VI. Effect of some pharmacological substances on changes caused by the toxin of *Shigella dysenteriae*. H. Rašková, K. Raška, V. Matějovská, and B. Rybová (Carl IV. Univ. Prague). *Physiol. Bohemoslov.* 3, 809-12(1954); cf. *C.A.* 49, 16195c.—Introduction of *S. dysenteriae* toxin into the isolated perfused intestinal vessels produces reflex changes in blood pressure (rabbits and cats). Local anesthetics such as procaine or *d*-tubocurarine chloride can suppress this reaction almost totally; atropine requires large doses. Papaverine stimulates the reaction when used in small doses, while medium size doses have no effect and in large doses the reaction is suppressed. Substances such as Benadryl fail to suppress the reaction, and with large doses sensitization of the reflex is observed. Introduction of adenosinetriphosphate does not restore sensitivity to the toxin. G. M. Kosolapoff

4

RASKOVA, H.; RASKA, K.; MATEJOVSKA, V.; RYBOVA, B.

Certain properties of Shigella shigae toxin. Cas. lek. cesk.  
91 no.21:612-618 23 May 52.

1. Z farmakologickeho ustavu Karlovy university a se Statniho  
zdravotnickeho ustavu v Praze.  
(SHIGELIA,  
dysenteriae, toxin.)

Rybová, B.

✓ Pharmacodynamics of adenosinetriphosphate. ---  
Raiková, O. Fialová, and B. Rybová. *Neuro-Schmiede-  
berg's Arch. exp. Pathol. Pharmacol.* 228, 145 (1956). --- Aden-  
osinetriphosphate (ATP) and monophosphate (AMP) in-  
creased the sensitivity of the receptors of the carotid sinus in  
rabbits towards acetylcholine and KCl. After blocking the  
receptors with typhoid toxin, the sensitivity was restored by  
addn. of ATP or AMP. Pos. and neg. food reflexes in rats  
were inhibited by large doses ATP, small doses had the op-  
posite effect. Both compds. were antagonistic to bacterial  
toxins.  
A. B. Meyer

(2)

Rybova, B.

Action of hyaluronidase on the Interceptors. M. Mráz, H. Rašková, and B. Rybová (Charles Univ., Prague). *Czechoslov. Hyg., Epidemiol., Mikrobiol., Immunol.* 3, 249-52 (1954).—Expts. with isolated interceptive areas showed that hyaluronidase (H) administered in a single dose of 1-3 mg. and in a long-term perfusion of the given area as well does not alter the usual reaction to acetylcholine and to some bacterial poisons (lyophilized streptolysin, typhus endotoxin and toxin of *Shigella shigae*) as long as the concn. of H does not exceed 0.7 mg./1000 ml. of the perfusing Tyrode soln. At higher concns. a long-term disappearance of reactivity was observed which was restored by adenosinetriphosphoric acid. Similar results were obtained on perfusion with heparinized blood but 10-20 times higher concns. of H were required for the reactions to disappear. L. J. U.

RASKOVA H.; HYBOVA, B.; RASKA, K.; MATEJOVSKA, V.

Certain characteristics of Shigella shigae toxin. III. Sensitivity of interoceptors of intestinal vessels. Cas.lek.cesk. 91 no.45-46: 1348-1350 14 Nov 52.

1. Z farmakologickeho ustavu Karlovy university. Z Ustavu pro epidemiologii a mikrobiologii v Praze.

(DYSENTERY, immunology,

vaccine, eff. of immun. of animals on sensitivity of intestinal vasc. interoceptors)

(VACCINES AND VACCINATION,

dysentery vaccine, eff. of immun. of animals on sensitivity of intestinal vasc. interoceptors)

(INTESTINES, physiology,

eff. of dysenterial vacc. on sensitivity of vasc. interoceptors in animals)

STRIZOVA, V.; RASKOVA, H.; VANECEK, J.; technicka spoluprace: DRABOVA, M.;  
RYBOVA, B.; FIALOVA, O.

On the pharmacology of pertussis toxin. 1. Cesk. epidem. mikrob.  
imun. 10 no.3:192-196 '61.

1. Ustav epidemiologie a mikrobiologie v Praze a Farmakologicky  
ustav fakulty detskeho lekarstvi KU v Praze.  
(WHOOPING COUGH immunol.) (TOXINS AND ANTITOXINS pharmacol.)

CZECHOSLOVAKIA

J. ELIS and B. RYBNÁ, Central Pharmacology Laboratory of the Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences (Ústřední farmakologická laborator Ústavu organické chemie a biochemie CSAV [Czechoslovenská Akademie Věd] Head Prof Dr E. RASKOVÁ, DrSc, Prague.

"Effect of Tetanus Toxin on Interoception."

Prague, Casopis Lékaru Ceskych, Vol 102, No 7, 15 Feb 63; pp 173-175.

Abstract [English summary modified]: 3 groups of 20 or more cats each, A normal, B pretreated with 10 mcg. tetanus toxin i.m. (0.05 of MLD/Kg.) t.i.d. for 2 to 4 days before test, and C horse serum 0.1 cc. s.c. 3 weeks before test; anesthesia, tetanus toxin to perfused carotid sinus, acetylcholine. Increased sensitivity to tetanus toxin, block of the acetylcholine response in group B; dose-response relationship good. Four kymographs, 2 Czech, 3 Soviet and 1 Western reference.

11/1

*RYBOVA, B.*

RASKOVA, H.; RASKA, K.; RYBOVA, B.; MATEJOVSKA, V.

Certain properties of toxin of *Shigella shigae*. V. Modifications of parabiogenic processes produced by *Shigella shigae* toxin. *Cesk. hyg. epidem. mikrob.* 2 no.1:44-50 Feb '53.

1. Z farmakologickeho ustavu Karlovy university a z Vyzkumneho ustavu epidemiologie a mikrobiologie v Praze.

(SHIGELLA,

dysenteriae toxin, eff. on nerve conduction)

(NERVES, effect of drugs on,

*Shigella dysenteriae* toxin)

RASKOVA, H.; RYBOVA, B.; RASKA, K.; JELINEK, J.; MATEJOVSKA, V.

Certain properties of the Shigella Shigae toxin. Effect of adenosine triphosphoric acid upon the toxicity of Shigella Shigae toxin. Chekh.fiziol.2 no.2:203-208 '53. (MLRA 7:2)

1. Farmakologicheskiy institut universiteta im. Karla IV i institut epidemiologii i mikrobiologii, Praha.  
(Toxins and antitoxins) (Adenylpyrophosphoric acid--  
Physiological effect)

RASKOVA, H.; RASKA, K.; MATEJOVSKA, V.; RYBOVA, B.

Certain properties of *Shigella shigae* toxin. VI. Effect of certain drugs on modifications induced with *Shigella shigae* toxin. Chekh. fiziol. 3 no.3:306-312 1954.

1. Farmakologicheskiy institut universiteta im. Karla IV i institut epidemiologii i mikrobiologii, Praga.

(BLOOD PRESSURE, physiology,  
eff. of *Shigella dysenteriae* toxin, eff. of various  
drugs on induced changes)

(SHIGELLA,  
dysenteriae, toxin, eff. on blood pressure, eff. of  
various drugs on induced changes)

SLAVIK, K.; STERZL, J.; RYBOVA, J.

Effect of histamine on glycolysis in bacteria [with summary in German]. Chekh. biol. 1 no.1:79-86 '52. (MLRA 6:12)

1. Tsentral'nyy institut biologii, mikrobiologiya, Praha.  
(Histamine) (Glycolysis) (Bacteria)

RYBOVA, R.

The inhibitory effect of malonate on glucose metabolism in brain cortex slices. Physiol. Bohemoslov. 13 no.1:28-31 '64.

1. Laboratory for Cellular Metabolism, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague.

✓

L 13467-66

ACC NR: AP6006024

SOURCE CODE: CZ/0053/65/014/004/0283/0283

AUTHOR: Natocin, J. V.; Rybova, R.; Janacek, K.

ORG: Laboratory of Cell Metabolism, Institute of Microbiology CSAV, Prague  
(Laborator bunecneho metabolismu, Mikrobiologicky ustav CSAV)

TITLE: Cell swelling and transepithelial osmosis [This paper was presented during Biophysical Days, Brno, 12 Jun 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 283

TOPIC TAGS: hormone, experiment animal, animal physiology, cell physiology, endocrinology, cytology

ABSTRACT: Study to ascertain mode of action of the antidiuretic hormone in increasing water permeability and through cells of interstitial spaces in the bladder of *Rana temporaria* in vitro. Lack of osmotic gradient did not prevent the antidiuretic hormone from increasing the tissue water from  $3.27 \pm 0.08$  per Kg of dry tissue to  $3.64 \pm .01$ , with a statistically high significance. Role of potassium ions was found essential. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

HW

RYBOVA, R.

The inhibitory effect of malonate on glucose metabolism in brain cortex slices. *Physiol. Bohemoslov.* 13 no.1:28-31 '64.

1. Laboratory for Cellular Metabolism, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague.

✓

L 13227-66 EWP(j)/EWA(c) RM

ACC NR: AP6006038 SOURCE CODE: CZ/0053/65/014/004/0292/0292

AUTHOR: Elis, J.; Cerey, K.; Fialova, O.; Rybova, B.; Sechser, T.

ORG: Institute of Pharmacology, CSAV, Prague (Farmakologicky ustav CSAV)

TITLE: Effect of 6-azacytidine on pregnancy in mice [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 292

TOPIC TAGS: mouse, biologic reproduction, drug effect, pharmacology, heterocyclic base compound, organic nitrogen compound

ABSTRACT: Administration of 2 mg /Kg i.v. of 6-azacytidine to pregnant mice interfered with trophoblast, thus causing resorption of 88% of the embryos. Data on the dosage, times and intensity of effect are given. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1 *gf*

26  
B

L 40043-66 EWP(k)/EWT(d)/EWT(m)/EWP(h)/T/EWP(l)/EWP(w)/EWP(v)/EWP(t)/ETI IJH(c)  
ACC NR: AP6016584 (A,N) RH/JD/HW SOURCE CODE: UR/0129/66/000/005/0014/0017

AUTHORS: Gordiyenko, L. K.; Geminov, V. N.; Fridman, Z. G.; Vasil'chenko, G. S.;  
Rybovalov, Yu. P. 65  
B

ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii); TsNIIT KASH

TITLE: Raising the creep<sup>4</sup> resistance of steel of the martensite-ferrite class by  
methods of mechanical thermal processing 4

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 5, 1966, 14-17

TOPIC TAGS: metallography, ~~metallurgy~~, creep, metal deformation, martensite  
steel, ferrite steel, deformation testing machine / IP-2 deformation testing machine,  
IP-5 deformation testing machine, IM-4R deformation testing machine, 1Kh12V2MF  
martensite steel

ABSTRACT: Research was conducted for the purpose of finding effective combinations  
for strengthening steel 1Kh12V2MF.<sup>4</sup> This steel was used in the preparation of tubular  
disks and was worked at a temperature of 550C. Several thermomechanical processes  
were used in preparing the specimens for testing. The processes were treated as  
parametric cases for the strength-creep measurements. Among the testing equipment 14  
were machines IP-2, IP-5, and IM-4R. Several effects were measured, including the  
effect of the degree of deformation on the strengthening for several methods of  
thermomechanical processing, the creep rate at constant stress, and temperature for

Card 1/2

UDC: 669.14.018.45:621.78:539.374

L 40043-66

ACC NR: AP6016584

different processes, and the increase in creep stability obtainable through the use of optimal thermomechanical processes. It was found that optimal processing can reduce the creep rate by as much as 80% over the rate which characterizes the unstrengthened material. The steps involved in the recommended optimal process are sequentially summarized. Orig. art. has: 3 tables and 2 figures.

SUB CODE: 11/13/SUBM DATE: none/ ORIG REF: 004

Card

2/2 *gd*

PANYUKIN, I.I., kand. tekhn. nauk [deceased]; RYBOVALOVA, A.M., mladshiy  
nauchnyy sotrudnik

Dressing of sheep pelts by means of chromium salts. Nauch. issl.  
trudy NIIMP no.12:30-33 '63. (MIRA 17:11)

RYBOVALOVA, N.M.

Photocolorimetric determination of chrome oxide in fur skins. Legkaya  
Prom. 12, No.4, 24-5 '52. (MLRA 5:4)  
(CA 47 no.19:10260 '53)

YUR'YEV, Yu.K.; ZEFIROV, N.S.; SHTEYNMAN, A.A.; RYBOYEDOV, V.I.

Furan series. Part 10: 2-Methylfuran in a reaction of substitutive addition with  $\alpha, \beta$ -unsaturated aliphatic ketones. Zhur. ob. khim. 30 no.11:3755-3759 N°60. (MIRA 13:11)

1. Moskovskiy gosudarstvennyy universitet.  
(Furan) (Ketones)

L 3118-66 EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP5026889

CZ/0034/65/000/006/0450/0450

AUTHOR: Mach, J. (Engineer); Rybsr, V. (Engineer)TITLE: Duplex method of iron productionSOURCE: Hutnicke listy, no. <sup>27</sup>6, 1965, 450-

TOPIC TAGS: pig iron, metal heat treatment, metallurgic furnace, steel

ABSTRACT: The article is an abstract of Czechoslovak Patent Application Class 18a 11/06, PV 2483-64, dated 28 April 64. The invention deals with production of pig iron from ores by reduction; namely ores poor in iron, of acid character, and available as dust. These ores are roasted in a rotary furnace with an addition of fuel containing S and P. In the first stage of roasting a metallic intermediate product is formed, containing up to 2.5% S and 3.5% P. The intermediate product is subjected in a second phase to a continuous refining, carbonizing, and melting at 1275-1600°C under a basic slag. The intermediate product is iron containing either 0.2-2.5% S, 0.1 - 1.2% P, and 0.4-1.2% C, or phosphorus bearing iron with 2.5% S and 3.5% P. The first stage is conducted in a sep-

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L 3118-66

ACCESSION NR: AP5026889

parate rotary furnace; the second step in a rotary furnace inclined in the direction of the movement of the ore, and heated by a burner located at the lower end of the furnace. The invention allows production of high quality steel without a blast furnace; the product is suitable for the production of alloy steels in steel works.

ASSOCIATION: none

SUBMITTED: 28Apr64

ENCL: 00

SUB CODE: MM

NR REF SOV: 000

OTHER: 000

JPRS

PC

Card 2/2

RYBTSOV, A.M., gornyy inzh.

KKG-1 machinery unit for manless coal mining. Ugol' Ukr. 5 no.3:38-39  
Mr '61. (MIRA 14:3)

1. Ukrainskiy Nauchno-issledovatel'skiy institut Girdrougol'.  
(Coal mining machinery) (Automatic control)

*RYBUKHA, Ye. I.*  
RYBUKHA, Ye. I., kandidat biologicheskikh nauk; RYBUKHA, Ye. I., kandidat  
meditsinskikh nauk

Oscillographic study of the cardiovascular system in healthy children.  
Pediatria no.2:49-54 F 157. (MIRA 10:10)

1. Iz kafedry fizicheskogo vospitaniya i vrachebnoy fizkul'tury  
II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni I.V.  
Stalina.

(OSCILLOGRAPH) (CARDIOVASCULAR SYSTEM)

RYBIS, M. (Khar'kov, 23, ul. Vesnina 14, komnata 37)

Age-related characteristics of the auditory tube glands in man.  
Arkhn. anat., gist. i embr. 47 no. 11:61-64 N '64 (MIRA 19:1)

1. Kafedra normal'noy anatomii (zav. - prof. R.D. Sinel'nikov)  
Khar'kovskogo meditsinskogo instituta. Submitted July 15, 1963.

RYBUS, W.

After the Congress on Vocational and Agricultural Education. p. 69.

GAZETA CUKROWNICZA. (S towarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przenyslu Rolnego i Spozywczego i Centralny Zarzad Przemysiu Cukrowniczego) Warszawa, Poland. Vol. 61, no. 3, March 1959.

Monthly List of European Accessions (EEAI) LC. Vol. 8, no. 8  
August 1959.

Uncl.

BLOKHIN, N.N., professor; HYBUSHKIN, I.N., redaktor; GABERLAND, M.I.,  
tekhnicheskii redaktor

[Plastic skin surgery] Kozhnaya plastika. Moskva, Gos.izd-vo  
meditsinskoy lit-ry, 1955.224 p. (MLRA 8:10)

1.Chlen-korrespondent AMN SSSR (for Blokhin).  
(SKIN GRAFTING)

ABRAMYAN, A.Ya., prof.; BUSALOV, A.A., prof.; VELIKORETSKIY, A.N.,  
prof.; GROZDOV, D.M., prof.; DORMIDONTOVA, K.V., dots.;  
ZHMAKIN, K.N., prof.; KORNEV, P.G.; LEVIT, V.S. prof.  
[deceased]; LIKHACHEV, A.G., prof.; LOBACHEV, S.V., prof.;  
MOLODAYA, Ye.K., prof.; PETROV, B.A.; PRIOROV, N.N. [deceased];  
SALISHCHEV, V.E., prof. [deceased]; SAPOZHKOVA, P.I., prof.  
[deceased]; TERNOVSKIY, S.D. [deceased]; FAYERMAN, I.L., prof.,  
zasl. doyatel' nauki; CHAKLIN, V.D.; CHENTSOV, A.G., prof.  
[deceased]; CHERNAVSKIY, V., prof.; SHADURSKIY, K.S., prof.;  
SHAKHBAZYAN, Ye.S., prof.; VELIKORETSKIY, A.N., prof., red.;  
GORELIK, S.L., dots., red.; YELANSKIY, N.N., red.; STRUCHKOVA,  
V.I., red.; RYBUSHKIN, I.N., red.; BUL'DYAYEV, N.A., tekhn.  
red.

[Surgeon's manual in two volumes] Spravochnik khirurga v dvukh  
tomakh. Moskva, Medgiz. Vol.2. 1961. 642 p. (MIRA 17:4)

1. Chlen-korrespondent AMN SSSR (for Yelanskiy, Struchkova,  
Petrov, Ternovskiy, Chaklin). 2. Deystvitel'nyy chlen AMN SSSR  
(for Kornev, Priorov).

BAKULEV, A.N., akad.; BLOKHIN, N.N.; BOGUSH, L.K.; VELIKORETSKIY, A.N., prof.; VOZNESENSKIY, V.P., prof., zasl. deyatel' nauki [deceased]; GULYAYEV, A.V., prof.; DANILOV, I.V., prof.; DUBOV, M.D., doktor med. nauk; KAZANSKIY, V.I., prof.; LIMBERG, A.A.; LINBERG, B.E., zasl. deyatel' nauki, prof.; MEDVEDEV, I.A., dots.; MESHALKIN, Ye.N., prof.; MIRONOVICH, N.I., doktor med. nauk; NIKOLAYEV, O.V., prof.; NIFONTOV, B.V., doktor med. nauk; PETROVSKIY, B.V.; PRIOROV, N.N. [deceased]; RIKHTER, G.A., prof.; ROVNOV, A.S., prof.; RUFANOV, I.G.; STRUCHKOV, V.I.; SHRAYBER, M.I., doktor med. nauk; GORELIK, S.L., dots., red.; YELANSKIY, N.N., red.; SALISHCHEV, V.E., zasl. deyatel' nauki, prof. [deceased]; RYBUSHKIN, I.N., red.; BUL'DYAYEV, N.A., tekhn. red.

[Surgeon's reference book in two volumes] Spravochnik khirurga v dvukh tomakh. Pod obshchei red. A.N. Velikoretskogo i dr. Moskva, Medgiz. Vol. 1. 1961. 564 p. (MIRA 14:12)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Blokhin, Petrovskiy, Priorov, Rufanov, Limberg). 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Bogush, Struchkov, Yelanskiy). (SURGERY)

ANICHKOV, M.N., dots.; ANTELAVA, N.V., prof.; BISENKOV, N.P., kand. med. nauk; BOGUSH, L.K., prof.; GRIGOR'YEV, M.S., prof.; DYSKIN, Ye.A., kand. med. nauk; KEVESH, I. L., prof.; KOLESOV, A.P.; KOLESOV, V.I., prof.; KUPRIYANOV, P.A., prof.; LINBERG, B.E., prof.; MAKSIMENKOV, A.N., prof.; OSIPOV, B. K., prof.; SAVITSKIY, A.I., prof.; UVAROV, B.S.; UGLOV, F.G., prof.; Kholdin, S.A., prof.; PETROVSKIY, B.V., prof., otv. red.; BAKULEV, A.N., akademik, red.; GUIYAYEV, A.V., prof., red.; YEGOROV, B.G., prof., red.; PANKRAT'YEV, B.Ye., prof., red.; PYTEL', A.Ya., prof., red.; RIKHTER, G.A., prof., red.; FILATOV, A.N., prof., red.; CHAKLIN, V.D., prof., red.; RYBUSHKIN, I.N., doktor med. nauk, red.; RULEVA, M.S., tekhn. red.

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz. Vol.5. [Chest surgery; thoracic wall, pleura, and lungs] Khirurgiia grudi; grudnaia stenka, plerva i legkie. 1960. 727 p. (MIRA 15:3)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Antelava, Bogush, Maksimenkov, Savitskiy, Kholdin, **Chaklin**).
2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Kupriyanov, Petrovskiy, Yegorov).

(CHEST--SURGERY)

*1941-1945*

GIRGOLAV, S.S., general-leytenant meditsinskey sluzby, redakter; LIBOV, L.L., polkovnik meditsinskey sluzby, redakter; KAMINSKIY, professor, polkovnik meditsinskey sluzhby, konsul'tant po statistike; LEVIT, V.S., zaslu-zhenny deyatel' nauki, professor, general mayer meditsinskey sluzhby, redakter; RYBUSHKIN, I.N., kandidat meditsinskikh nauk, redakter, KUV-SHINNIKOV, P.A., professor, redakter.

[Experience of Soviet medicine in the Great Patriotic War, 1941-1945]  
Opyt sevetskoi meditsiny v velikoi otechestvennoi voine, 1941-1945 gg.  
Moskva, Gos.izd-vo med.lit-ry. Vol.3.1953. 548 p. Vol.17. 1953. 548 p.  
(MLRA 9:5)

1.Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Girgolav,  
Kuvshinnikov)  
(WORLD WAR, 1939-1945--MEDICAL AND SANITARY AFFAIRS) (SURGERY, MILITA-  
RY) (GUNSHOT WOUNDS)

LYSENKO, F.I., polkovnik; ADENIN, A.S., polkovnik; BONDARENKO, V.Ye., polkovnik; ROGACHEV, F.B., polkovnik; RYB'YAKOV, M.M., pod-polkovnik; BELYAKOV, S.A., polkovnik; ISAKOV, P.F., polkovnik; BURLYAY, A.A., polkovnik; SAVCHENKO, A.M., polkovnik; IVANOV, N.I., polkovnik; AVDEYENKOV, I.P., polkovnik; ZUBAREV, Ya.G., polkovnik; DIBROVA, I.Z., kapitan 1 ranga; TSVETKOV, R.V., general-mayor, red.; BRITVIN, N.I., polkovnik, red.; SHARPILO, P.N., podpolkovnik, red.; MYASNIKOVA, T.F., tekhn.red.

[Party political work in the Soviet Army and the Navy] Partino-politicheskaya rabota v Sovetskoj Armii i Voenno-Morskoy Flote. Moskva, Voenizd-vo M-va obor.SSSR, 1960. 284 p.

(MIRA 13:6)

1. Voenno-politicheskaya akademiya imeni V.I.Lenina (for all, except Tsvetkov, Britvin, Sharpilo, Myasnikova).  
(Russia--Armed forces--Education, Non-military)

RYB'YAKOVA, K.

After the reorganization. NTO 4 no.8:21 Ag '62. (MIRA 15:8)

1. Zamestitel' predsedatelya Novosibirskogo oblastnogo pravleniya  
Nauchno-tehnicheskogo obshchestva sel'skogo khozyaystva.  
(Novosibirsk Province--Agricultural research)

FARFENOVA, Ye.N.; RYB'YAKOVA, Ye.V.

Use of erythromycin in nonspecific inflammatory diseases  
of the urogenital system. Urologia no.4:29-31 '63.

(MIRA 17:10)

1. Iz goroy polikliniki (nauchnyy rukovoditel' - prof.  
A.Ya. Abramyan; Chetvertogo glavnogo upravleniya pri  
Ministerstve zdravookhraneniya SSSR.

POPOV, S.Ya.; RYBYANETS, K.A.; GOLOSNITSKAYA, V.A.

Cathodic polarization in the isolation of Zn, Cd, Ag, and Cu from  
complex ammoniate electrolytes. Trudy NPI 134:31-43 '62.(MIRA 17:2)

S/884/62/134/000/003/004  
B101/B186

AUTHORS: Popov, S. Ya., Rybyanets, K. A., Golosnitskaya, V. A.  
TITLE: Cathodic polarization on separating Zn, Cd, Ag, and Cu from complex ammoniacal electrolytes  
SOURCE: Novocherkassk. Politekhnikheskiy institut. Trudy. v. 134. 1962. Raboty kafedry tekhnologii elektrokhimicheskikh proizvodstv Khimiko-tekhnologicheskogo fakul'teta, 31 - 43

TEXT: To study the causes of increased polarization, the polarization at 20°C was recorded potentiometrically using a Heyrovsky polarograph for the electrolytes 0.14 mole/l ZnO + 4.5 mole/l NH<sub>4</sub>Cl; 0.04 mole/l CdO + 0.06 mole/l CdCl<sub>2</sub> + 4.5 mole/l NH<sub>4</sub>Cl; 0.2 mole/l AgNO<sub>3</sub> + 0.4 mole/l NH<sub>3</sub> + 1.5 mole/l (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, and 0.4 mole/l CuSO<sub>4</sub> + 0.4 mole/l (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> + 0.4 mole/l H<sub>2</sub>SO<sub>4</sub>. Results: (1) For the ammoniacal zinc electrolyte, the differential curve  $\varphi = f(i_{\text{cath}})$  showed two minima and one maximum, the differential polarogram  $i_{\text{cath}} = f_1(\varphi)$  two maxima and one minimum. The Card 1/3

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equilibrium potential of the zinc electrode was  $-0.855$  v and that of the  $Zn^{2+}$  ions  $-0.861$  v. Conclusion: The ascent of the polarographic curve to the first maximum corresponds to the delayed discharge of  $Zn^{2+}$  ions. In the descending curve section after the first maximum, the rate of the process depends on the delay of diffusion of the  $Zn^{2+}$  ions. The minimum corresponds to the potential at which the discharge of complex zinc ions begins, the ascent to the second maximum corresponds to the delayed discharge of the complex ions, and the drop after the second maximum to the delayed diffusion of the complex ions. (2) The cadmium electrolyte showed the same behavior. The equilibrium potential of the Cd electrode was  $-0.537$  v and that of the electrolyte  $-0.516$  v. (3) For the Ag electrolyte, the curve  $\phi = f(i_{cath})$  showed only one maximum and the polarogram only one minimum. Only one type of ions is discharged. The equilibrium potential of the Ag electrode was  $+0.501$  v and that of the Ag ions  $+0.519$  v. Conclusion: Only  $Ag^+$  ions are discharged, since the potential of the cathode does not reach the equilibrium potential of the complex Ag ions. (4) For the Cu electrolyte, the differential polarogram showed an indistinct maximum at low  $\phi$ , and a second, larger maximum

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after the half-wave potential. The first maximum corresponds to the discharge of  $\text{Cu}^+$  ions, the second to that of hydrated  $\text{Cu}^{2+}$  ions. Complex copper ions are not formed with the electrolytes mentioned. There are 9 figures.

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RYBYANTSEV, A.A.

Steam and waterproofing of enclosing structures of administration and general services combines. Adm.-byt. komb. ugol'.  
shakht no.5:83-92 '62. (MIRA 17:8)

1. Donetskii nauchno-issledovatel'skiy institut nadshakhtnogo stroitel'stva.

RYB'YEV, I., inzhener.

Determining the industrial properties of asphalt concrete. Zhil.-  
kom.khoz.4 no.8:23-24 '54. (MLRA 8:3)  
(Asphalt concrete)

BRAUN, David Anisimovich, RYB'YEV, I.A., prof., doktor tekhn. nauk,  
retsensent; GRINBERG, B.G., prof. retsenzent; KOROVNIKOV,  
B.D., dots. kand. tekhn. nauk, retsenzent; AVERKIYEV, V.I.,  
dots. kand. tekhn. nauk, retsenzent; BOCHAROVA, Ya.F., red.

[New materials in engineering] Novye materialy v tekhnike.  
Moskva, Vysshaya shkola, 1965. 194 p. (MIRA 18:10)

BOGOM, Nikolay Pavlovich p... , doktor tekhn. nauk, zasl.deyatel'  
nauki i tekhniki RSFSR; CHUYKO, Aleksandr Vladimirovich;  
RYB'YEV, I.A., doktor tekhn. nauk, prof., retsenzent

[Principles of the technology of structural products] Os-  
novy tekhnologii stroitel'nykh izdelii. Moskva, Stroiiz-  
dat, 1964. 214 p. (MIRA 17:9)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut  
(for Ryb'yev).

BUSHMAKINA, B.M., assistant; RYB'YEV, I.A., kand.tekhn.nauk

Testing thermotechnical properties of asphalt concrete. Trudy  
MADI no.23:111-117 '58. (MIRA 12:1)  
(Asphalt concrete--Testing)

RYB'EV, Igor' Aleksandrovich, for Doctor of Technical Sciences on the basis of the Dissertation defended 3 February 1959 in the Council of the Moscow Automotive Road Institute, entitled: "Fundamentals of improvement and regulation of the properties of asphalt concrete." (BMVISO USSR, 2-61, 16)

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RYBIYEV, Igor' Aleksandrovich, doktor tekhn. nauk, prof.;  
PROVINTEYEV, I.V., kand. tekhn. nauk, retsenzent;  
SHCHERBAKOV, G.S., red.

[Technology of waterproof materials] Tekhnologiya gidro-  
izoliatsionnykh materialov. Moskva, Vysshaya shkola,  
1964. 304 p. (MIRA 17:11)

1. Rukovoditel' laboratorii gidroizolyatsionnykh mate-  
rialov Vsesoyuznogo nauchno-issledovatel'skogo instituta  
stroitel'nykh materialov (for Provitneyev).

RYB'YEV, I.A., doktor. nauk, prof.

Two major characteristics of the properties of materials  
with sngloneratt-type structure. Stroi. mat. 11 no.1817-19  
Ja '65. (MIRA 18:6)

RYB'YEV, I.A., prof., doktor tekhn. nauk; STRAKHOVA, T., tekhn. red.

[Inorganic binding materials] Neorganicheskie viazhushchie materialy; uchebnoe posobie dlia studentov, samostoitel'no izuchaiushchikh kurs "Stroitel'nye materialy." Moskva, 1962. 87 p. (MIRA 16:4)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut.  
Kafedra stroitel'nykh materialov.  
(Binding materials)

RYB'YEV, I.A., dots., kand.tekhn.nauk

Theory of structural stability and deformation resistance of  
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(MIRA 12:1)

(Asphalt concrete)

RYB'YEV, I. A.: Doc Tech Sci (diss) -- "The principles of improving and regulating the properties of asphalt-concrete". Moscow, 1958. 36 pp (Min Higher Educ USSR, Moscow Automobile and Road Inst), 150 copies (KL, No 5, 1959, 148)

RYB'YEV, I.A.; KURDENKOV, B.I., redaktor; KOVALIKHINA, N.F., tekhnicheskii redaktor.

[Bitumen and tar for road covering] Dorozhnye bitumy i degti. Moskva, Izd-vo dorozhno-tekhn.lit-ry gushosdora MVD SSSR, 1952. 62 p. (Populiarnaya tekhnicheskaya biblioteka rabochego dorozhnika) (Microfilm)  
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ALEKSANDROV, Boris Sergeyevich; ALEKSEYEV, A.P.; ZABOLOTSKIY, F.D.;  
KONDAKOV, A.Yu.; NEGODAYEV, V.I.; RYB'YEV, I.A.; SABSATSKIKH,  
P.I.; CHARUYSKIY, A.P.; SHOMINOV, I.S.; BABKOV, V.F., doktor tekhnicheskikh nauk, professor, redaktor; CHVANOV, V.G., redaktor; MAL'KOVA, N.V., tekhnicheskiiy redaktor.

[Handbook for road foremen] Spravochnoe rukovodstvo dlia dorozhnogo mastera. Pod red. V.F.Babkova. Moskva, Nauchno-tekhn. izd-vo avto-transportnoi lit-ry, 1954. 450 p. [Microfilm] (MLRA 8:2)  
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PEREDERIY, Ivan Alekseyevich; RYB'YEV, S.I., prof., doktor tekhn. nauk, retsenzent; PAVLOVICH, A.F., inzh., retsenzent; DENISOV, O.G., ispol. obyaz. prof., otv. red.

[Using high-strength gypsum in construction] Primenenie vysokoprochnogo gipsa v stroitel'stve. Kuibyshev n/Volge, Kuibyshevskii inzhenerno-stroitel'noy in-t, 1963. 284 p.

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1. Zaveduyushchiy kafedroy stroitel'nykh materialov Vsesoyuznogo zaochnogo inzhenerno-stroitel'nogo instituta (for Ryb'yev). 2. Zamestitel' nachal'nika Upravleniya stroitel'stva Kuybyshevskogo sovmarkhoza (for Pavlovich).

GROVAL'D, V.G.; SVEDE-SHVETS, N.I.; Primali uchastiye: CHINAROV, Yu.S.;  
RYB'YEV, Yu.M.; NIKITIN, V.A.; SERIKOV, I.M.

Investigating unit friction forces and unit pressures along the  
entire contact surface of the deformation zone during rolling. Izv.  
vys.ucheb.zav.; chern.met. 4 no.6:75-86 '61. (MIRA 14:6)

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RYB'YEVA, T.G., inzh.

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structural and mechanical properties of mixes. Avt. dor. 23  
no.8:12-15 Ag '60. (MIRA 13:8)  
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